

ABSTRACT

5 The present invention describes a method for the determination of DNA
fragmentation in animal sperm. It particularly refers to a procedure to evaluate the
integrity of the chromatin/DNA of the sperm by means of a treatment of the
sample with a denaturing solution followed, optionally by a stain; a subsequent
treatment with a lysis solution that does not contain a protein denaturing
detergent, followed, optionally, by a stain; and an evaluation of the integrity of the
chromatin/DNA. The present invention also refers to a Kit to evaluate the quality
10 of the sperm of animals which includes a DNA denaturing solution and a lysis
solution that does not contain a protein denaturing detergent.